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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/500,053	06/24/2004	Mordechai Forkosh	055/04085	9159		
44909 PRTS I	7590 03/10/200	9	EXAMINER			
P.O. Box 16446		DOERRLER, WILLIAM CHARLES				
Arlington, VA	ZZZ13		ART UNIT	PAPER NUMBER		
			3744			
			MAIL DATE	DELIVERY MODE		
			03/10/2009	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Applicati	ication No. Applicant(s)					
		10/500,0	53	FORKOSH ET AL	FORKOSH ET AL.			
		Examine	•	Art Unit				
		William C		3744				
Period fo	The MAILING DATE of this communic or Reply	ation appears on th	e cover sheet with the	correspondence ac	ldress			
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FO CHEVER IS LONGER, FROM THE MA nsions of time may be available under the provisions o SIX (6) MONTHS from the mailing date of this commu p period for reply is specified above, the maximum state re to reply within the set or extended period for reply we reply received by the Office later than three months afted patent term adjustment. See 37 CFR 1.704(b).	ALING DATE OF TI f 37 CFR 1.136(a). In no ex nication. utory period will apply and w ill, by statute, cause the app	HIS COMMUNICATIC rent, however, may a reply be to rill expire SIX (6) MONTHS fron Dication to become ABANDON	ON. imely filed m the mailing date of this o ED (35 U.S.C. § 133).				
Status								
1) 又	Responsive to communication(s) filed	on 02 February 20	09.					
2a)□	•	o)⊠ This action is r						
3)	Since this application is in condition for	<i>′</i> —		rosecution as to the	e merits is			
- ,	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposit	on of Claims							
4)🛛	Claim(s) <u>1,4-10,25-30,32,34,36-38 ar</u>	<u>nd 72-82</u> is/are pend	ling in the application					
·	4a) Of the above claim(s) is/are withdrawn from consideration.							
	Claim(s) <u>25-30,32,34 and 36-38</u> is/are allowed.							
·	☑ Claim(s) <u>1,4-10 and 72-82</u> is/are rejected.							
	Claim(s) is/are objected to.							
-	Claim(s) are subject to restrict	on and/or election i	equirement.					
Applicat	ion Papers							
9)□	The specification is objected to by the	Examiner						
•	-		ed or b) 🛛 objected to	by the Examiner.				
.0/23	10)☑ The drawing(s) filed on <u>24 June 2004</u> is/are: a)☐ accepted or b)☑ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.03(a).							
11)	The oath or declaration is objected to	•		•	, ,			
	, under 35 U.S.C. § 119							
	Acknowledgment is made of a claim fo	or foreign priority un	dor 35119 C 8 110/	a) (d) or (f)				
		i loreign priority ur	del 55 0.5.6. § 119(8	a)-(u) or (r).				
a)								
				tion No				
	2. Certified copies of the priority d				Chara			
	3. Copies of the certified copies o	•		/ed in this National	Stage			
+ (application from the International Bureau (PCT Rule 17.2(a)).							
* See the attached detailed Office action for a list of the certified copies not received.								
Attachmen	t(s)		_					
	e of References Cited (PTO-892)		4) Interview Summar					
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date Notice of Informal Patent Application								
	r No(s)/Mail Date		6) Other:	J. L				

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DETAILED ACTION

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the desiccant being pumped through the heat exchanger, as claimed in claims 9 and 81 and the direct heat transfer of claim 1 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

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Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1,4-10 and 72-82 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The 8-13-2007 amendment amended claim 1 to claim that the liquid desiccant in the one reservoir is directly cooled by at least one fluid. This cannot be found in the original specification. The 8-13-2007 remarks cite three places where this could be found in the specification, but none of the three citations clearly state that the heat exchange is direct. Direct heat exchange is a term of art meaning that the objects or fluids exchanging heat contact each other, with no solid or fluid between. Lines 7 and 8 of page 5 state that direct (evaporative) heat exchange can be used to cool the air, but the desiccant is not discussed. Lines 23-32 of the same page do not discuss methods of heat transfer, other than the pipe losses of the transfer. The cite from page 14 states that air can be used to cool the desiccant in the heat exchanger, but does not state that the heat exchange can be direct. Page 6 states that the air can be used to cool other air directly, or indirectly by cooling the desiccant, but does not state that the desiccant can be directly cooled. Claims 4-10 and 72-82 depend from claim 1, so they are rejected due to this dependency.

Allowable Subject Matter

Claims 25-30,32,34 and 36-38 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William C. Doerrler whose telephone number is (571) 272-4807. The examiner can normally be reached on Monday-Friday 6:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cheryl Tyler can be reached on (571) 272-4834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/William C Doerrler/ Primary Examiner, Art Unit 3744

WCD